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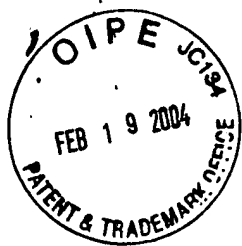
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Docket No.: Z0083-700730  
Declaration – Page 1 of 2

### DECLARATION FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and joint inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled

#### THREE DIMENSIONAL PRINTING MATERIAL SYSTEM AND METHOD

the specification of which was filed on August 26, 2003; as Application No. 10/650,086, bearing attorney docket No. Z0083-700730.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to the examination of this application in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application(s) designating the United States of America listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application:

<u>09/832,309</u>	<u>04/10/01</u>	<u>Patented</u>
(Application No.)	(filing date)	(status-patented, pending, abandoned)
<u>09/182,295</u>	<u>10/29/98</u>	<u>Abandoned</u>
(Application No.)	(filing date)	(status-patented, pending, abandoned)
<u>08/707,693</u>	<u>09/04/96</u>	<u>Patented</u>
(Application No.)	(filing date)	(status-patented, pending, abandoned)

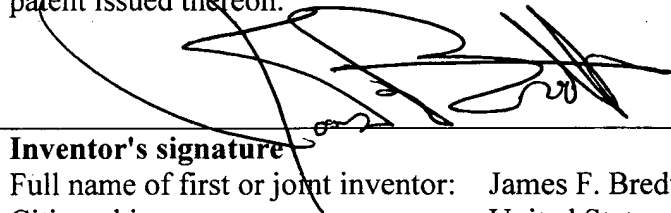
I hereby appoint the following Registered Practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

All Registered Practitioners of Lowrie, Lando & Anastasi, LLP associated with Customer Number 37462.

Address all telephone calls to Lisa E. Winsor, Esq. at telephone no. (617) 395-7000.

Address all correspondence to: the Correspondence Address associated with Customer Number 37462.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.



01/23/2004  
Date

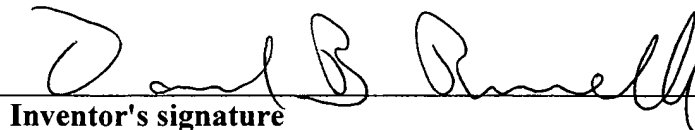
**Inventor's signature**

Full name of first or joint inventor: James F. Bredt  
Citizenship: United States of America  
Residence: 73 Templeton Parkway, Watertown,  
MA 02472  
Post Office Address: 73 Templeton Parkway, Watertown,  
MA 02472

**Inventor's signature**

**Date**

Full name of first or joint inventor: Timothy C. Anderson  
Citizenship: United States of America  
Residence: 5 Mid Pines Circle, Palm Coast, FL  
32137  
Post Office Address: 5 Mid Pines Circle, Palm Coast, FL  
32137



1-23-04  
Date

**Inventor's signature**

Full name of first or joint inventor: David B. Russell  
Citizenship: United States of America  
Residence: 7 Baron Park Lane, #37, Burlington,  
MA 01803  
Post Office Address: 7 Baron Park Lane, #37, Burlington,  
MA 01803

TO: Josephine  
From: Tim Anderson

Docket No.: 20083- 700730

Declaration -Page 2 of 2

Address all telephone calls to Lisa E. Winsor, Esq. at telephone no. (617) 395- 7000.

Address all correspondence to: the Correspondence Address associated with Customer Number 37462.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code -" such willful false statements may jeopardize the validity of the application or any patent issued thereon

Inventor's signature

Full name of first or joint inventor:  
Citizenship:  
Residence:

James F. Bredt  
United States of America  
73 Templeton Parkway, Watertown, MA  
02472  
73 Templeton Parkway, Watertown, MA  
02472

Post Office Address:

G-

date

23/2004

Inventor's signature

Full name of first or joint inventor: Citizenship:  
Residence:

Timothy C. Anderson  
United States of America  
5 Mid Pines Circle, Palm Coast, FL  
32137  
5 Mid Pines Circle, Palm Coast, FL  
32137

Post Office Address:

Date

209-04

Inventor's signature

Full name of first or joint inventor: Citizenship:  
Residence:

David B. Russell  
United States of America  
7 Baron Park Lane, #37, Burlington, MA  
01803  
7 Baron Park Lane, #37, Burlington, MA  
01803

Post Office Address:

Date

'23~04



PATENT  
Attorney Docket No. ZCO-107CP2

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT(S): Bredt et al.  
SERIAL NO.: 10/650,086 GROUP NO.: 1733  
FILED: August 26, 2003 EXAMINER: Not yet assigned  
TITLE: THREE DIMENSIONAL PRINTING MATERIAL SYSTEM AND METHOD

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**POWER OF ATTORNEY BY ASSIGNEE OF ENTIRE INTEREST**  
**REVOCATION OF PRIOR POWERS AND NEW POWER OF ATTORNEY**

Sir:

As assignee of record of the entire interest of the above-identified

- ☒ application,  
☐ patent,

all powers of attorney previously given are hereby revoked, and  
the following attorneys and/or agents are hereby appointed to prosecute and transact all business in the  
U.S. Patent and Trademark Office connected therewith.

Andrew F. Abramson	Reg. No. 52,538
Mark L. Beloborodov	Reg. No. 50,773
Robert S. Blasi	Reg. No. 50,389
Michael H. Brodowski	Reg. No. 41,640
Jennifer A. Camacho	Reg. No. 43,526
Fangli Chen	Reg. No. 51,551
Christopher H. Chung	Reg. No. 50,351
John J. Cotter	Reg. No. 38,116
James C. De Vellis	Reg. No. 52,814
Robert V. Donahoe	Reg. No. 46,667
Brian A. Fairchild	Reg. No. 48,645
James E. Fajkowski	Reg. No. 54,089
Jason P. Fiorillo	Reg. No. 52,892
John V. Forcier	Reg. No. 42,545
Steven J. Frank	Reg. No. 33,497
Kia L. Freeman	Reg. No. 47,577
Brian M. Gaff	Reg. No. 44,691
Edward A. Gordon	Reg. No. 54,130
Duncan A. Greenhalgh	Reg. No. 38,678

William R. Haulbrook	Reg. No. 53,002
Ira Heffan	Reg. No. 41,059
Andrew L. Jagenow	Reg. No. 51,842
Douglas J. Kline	Reg. No. 35,574
M. Brad Lawrence	Reg. No. 47,210
William A. Meunier	Reg. No. 41,193
Thomas C. Meyers	Reg. No. 36,989
Jennifer G. Moitoso	Reg. No. 51,752
Ronda P. Moore	Reg. No. 44,244
Michael J. Nesler	Reg. No. P-55,489
Jeremy P. Oczek	Reg. No. 50,794
Jason A. Reyes	Reg. No. 41,513
Christopher W. Stamos	Reg. No. 35,370
Diana M. Steel	Reg. No. 43,153
Robert J. Tosti	Reg. No. 35,393
Thomas A. Turano	Reg. No. 35,722
Natasha C. Us	Reg. No. 44,381
Christine C. Vito	Reg. No. 39,061
Carolyn E. Whyte	Reg. No. P-55,728
Daniel A. Wilson	Reg. No. 45,508
Gerald E. Worth	Reg. No. 45,238

☐ Attached as part of this power of attorney is the authorization of the above-named attorneys/agents to accept and follow instructions from my representatives.

Assignee also hereby grants additional Powers of Attorney to the attorneys and/or agents named above to file and prosecute foreign national patent applications in any and all countries of the world, a regional patent application under the European Patent Convention and/or an international application under the Patent Cooperation Treaty based upon the above-identified application, including a power to meet all designated office requirements for designated states.

All future correspondence should be sent to:

Patent Administrator  
Testa, Hurwitz & Thibault, LLP  
High Street Tower  
125 High Street  
Boston, MA 02110

**PLEASE ASSIGN PTO CUSTOMER NUMBER 021323 TO THIS APPLICATION**

The assignee of record of the entire interest of the above-identified

☒ application

☐ patent

is

**Name of assignee of entire interest**

*Z Corporation  
20 North Avenue  
Burlington, MA 01803*

☐ Recorded in PTO on

Reel No.:

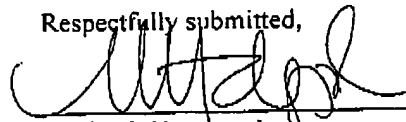
Frame No.:

☒ Copy of Assignment enclosed herewith

Dated: \_\_\_\_\_

2/13/04

Respectfully submitted,



Marina I. Hatsopoulos  
Chief Executive Officer  
Z Corporation  
20 North Avenue  
Burlington, MA 01803

## ASSIGNMENT

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, we, the undersigned James F. Bredt, 73 Templeton Parkway, Watertown, MA 02472; Timothy C. Anderson, 5 Mid Pines Circle, Palm Coast, FL 32137; and David B. Russell, 7 Baron Park Lane #37, Burlington, MA 01803, hereby:

Sell, assign and transfer to Z Corporation, a corporation having a place of business at 20 North Avenue, Burlington, MA 01803, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent executed of even date herewith and entitled THREE DIMENSIONAL PRINTING MATERIAL SYSTEM AND METHOD, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority;

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, we agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to us relating to said inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by us and that full right to convey the same as herein expressed is possessed by us.

Date

1/23/2004  
James F. Bredt

STATE OF MA :  
COUNTY OF Middlesex :



Subscribed and sworn to before me this 23 day of January.

SEAL

Josephine Pasucco  
Notary Public

My Commission Expires 05/09/2008

Date

Timothy C. Anderson

STATE OF MA :  
COUNTY OF Middlesex :

Subscribed and sworn to before me this 23 day of January.

SEAL

Josephine Pasucco  
Notary Public

My Commission Expires 05/09/2008

1-23-04  
Date

David B. Russell  
David B. Russell

STATE OF MA :  
COUNTY OF Middlesex :

Subscribed and sworn to before me this 23 day of January.

SEAL

Josephine Pasucco  
Notary Public

My Commission Expires 05/09/2008

Subscribed and sworn to before me this

2-9-04

day of

Notary Public

SEAL

2-9-04

My Commission Expires

05/09/2008

b"ate

Timothy C. Anderson

STATE OF MA : COUNTY OF WA  
d.cille se~ -

Subscribed and sworn to before me this ~ day of ~ 10 ~

SEAL

My Commission Expires

1-1-04

Notary Public

1-1-04

Date

STATE OF M~

COUNTY OF ~ 10 ~

Subscribed and sworn to before me this

2-9-04

day of

January

SEAL

Notary Public

05/09/2008

My Commission Expires